

the coldest month for many years. On Mount Washington the minimum temperature registered forty-six degrees below zero on the 27th; at Denver, Colorado, on the 9th, twenty-nine degrees below, the lowest ever known. The accompanying table, giving the readings of the minimum thermometers at the different stations in the morning, is quite interesting, in that it shows the south and eastward progress of the areas of cold accompanying high barometers Nos. III and V.

STATIONS.	Jan. 8.	Jan. 9.	Jan. 10.	Jan. 11.	Jan. 12.	Jan. 13.	Jan. 14.	Jan. 15.
Pembina, D. T.....	—	—38	—28	—	—	—28	—30	—
Breckenridge.....	—31	—33	—	—	—14	—34	—31	—
Cheyenne, Wy. T...	—23	—38	—	1	—23	—26	—15	23
St. Paul, Minn.....	3	—30	—17	—23	—6	—8	—25	—22
Escanaba, Mich.....	—9	—	—17	—9	—1	10	—6	—10
Alpena, Mich.....	2	—4	—12	—1	—5	17	6	—5
Omaha, Neb.....	—10	—19	—2	1	7	—17	—17	—10
Chicago, Ill.....	8	—20	—3	2	19	18	—8	—9
St. Louis, Mo.....	21	—15	—2	11	18	15	—2	—2
Fort Gibson, I. T...	20	—	2	15	32	6	2	8
Indianola, Texas....	40	21	19	31	37	43	28	32
Montgomery, Ala...	43	40	18	34	39	46	43	29
Louisville, Ky.....	15	—6	—5	6	20	34	13	5
Pittsburgh, Pa.....	16	22	—12	—1	10	32	17	4
Augusta, Ga.....	38	44	26	28	33	34	40	35
Rochester, N. Y.....	18	19	—9	—	2	22	19	8
New York, N. Y....	27	25	—6	3	14	19	26	11
Washington, D. C...	27	30	—3	8	21	26	36	13
Albany, N. Y.....	16	16	—6	—12	—5	11	24	3
Boston, Mass.....	26	17	0	0	7	19	20	9
Eastport, Me.....	15	8	6	—1	3	2	24	—4

PRECIPITATION.

The distribution of rain and melted snow is illustrated on Chart No. III. In the left-hand lower corner of same is a table giving the averages, by districts, for January of this and of many years. Large excesses occurred in the South Atlantic States, East Gulf States and Tennessee. In some sections, especially in portions of New England, the deficiency has given rise to droughts, probably assisted by the light rains and cold weather during the early winter. The number of days on which rain or snow fell during the month averages as follows in the districts mentioned: New England and Middle Atlantic States, 14; South Atlantic and Eastern Gulf States and Tennessee, 17; Western Gulf States, 14; Lower Lake region, 19; Upper Lake region, 15; Ohio valley, 13; Northwest, 10.

HUMIDITY.

The percentages of relative humidity for the different districts average as follows: New England, 73 per cent.; Middle Atlantic States, 74; South Atlantic States, 79; Gulf States, 82; Lower Lake region, 79; Upper Lake region, 70; Ohio valley, Tennessee and the Northwest, 73. As usual, the mean relative humidity has been lowest at the Rocky Mountain stations, amounting to 56 at Denver and 51 at Santa Fe.